

Converting Colors

$Y_{xy}(26.3959, 0.4004, 0.5098)$

Have a look what the booklet for
Yxy(26.3959, 0.4004, 0.5098)
contains.

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Color

Yxy(26.3812, 0.4001, 0.5098)

Conversions

Conversions Part 1

Format	Color
Hex	879414
RGB	135, 148, 20
RGB Percent	53%, 58%, 8%
CMY	0.4707, 0.4196, 0.9216
CMYK	0.09, 0.00, 0.86, 0.42
HSL	66°, 76%, 33%
HSV	66°, 86%, 58%
XYZ	20.7044, 26.3812, 4.6625
YIQ	129.5210, 33.3400, -42.5640

Conversions

Conversions Part 2

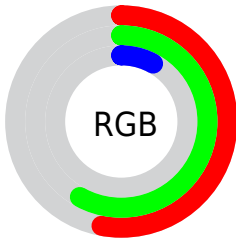
Format	Color
R_{YB}	20, 148, 33
Decimal	8885268
CIE _{Lab}	58.40, -19.83, 58.30
CIE _{LCh}	58, 61.581, 108.786
Yxy	26.3812, 0.4001, 0.5098
Android (android.graphics.Color)	4287075348 (0xFF879414)
YUV	129.5210, -53.9939, 4.8051
Hunter-Lab	51.3626, -17.9307, 30.5717

Details

The Yxy color **26.3812, 0.4001, 0.5098** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.9630, 0.1662, 0.0791**, and the grayscale version is **22.3297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8819, 0.3882, 0.4752**, and **10.2987, 0.3922, 0.5268** is the 20% darker color. If you saturate the color by 10%, you get **26.2191, 0.4015, 0.5169**, and if you desaturate by 10%, it is **26.5780, 0.3964, 0.4987**.

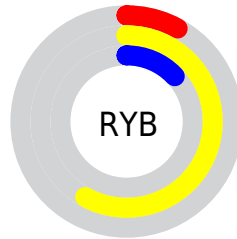
Distribution



Red (53%)

Green (58%)

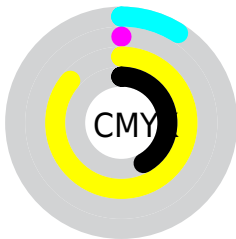
Blue (8%)



Red (8%)

Yellow (58%)

Blue (13%)

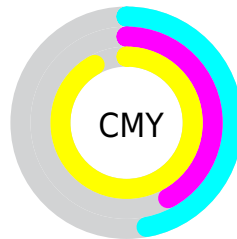


Cyan (9%)

Magenta (0%)

Yellow (86%)

Black (42%)



Cyan (47%)


Magenta (42%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3812, 0.4001, 0.5098 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.3812, 0.4001, 0.5098 by changing the saturation by 10% instead.


 26.3812, 0.4001,
0.5098


 26.3812, 0.4001,
0.5098


284.6484, 0.3609,
0.4135


 17.1090, 0.4053,
0.5326


 53.8893, 0.3885,
0.4748

 10.3123, 0.4090,
0.5609


 72.8940, 0.3832,
0.4615

 5.6065, 0.4064,
0.5936

 95.9117, 0.3784,
0.4503

 2.6073, 0.3819,
0.6181

 123.3267, 0.3741,
0.4407

 0.9303, 0.3004,
0.6996

 155.5235, 0.3702,
0.4324

 0.0000, 0.0000,
0.0000

 192.8864, 0.3668,

0.4253

235.7999, 0.3637,
0.4190

26.3812, 0.4001,
0.5098

26.3812, 0.4001,
0.5098

26.2191, 0.4015,
0.5169

26.5780, 0.3964,
0.4987

26.1645, 0.4019,
0.5191

26.8124, 0.3902,
0.4835

27.0898, 0.3817,
0.4645

27.4139, 0.3713,
0.4427

27.7877, 0.3596,
0.4189

■ 28.2144, 0.3470,
0.3940

■ 28.6964, 0.3339,
0.3689

■ 29.2365, 0.3210,
0.3444

■ 29.8369, 0.3083,
0.3209

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.3812, 0.4774, 0.4500



26.3812, 0.4001, 0.5098



26.3812, 0.3063, 0.5146

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.3812, 0.4001, 0.5098



26.3812, 0.1446, 0.2284



26.3812, 0.3970, 0.2489

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.3812, 0.4001, 0.5098



2.9630, 0.1662, 0.0791

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.3812, 0.2903, 0.2037



26.3812, 0.4001, 0.5098



26.3812, 0.1596, 0.1882

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.3812, 0.4001, 0.5098



26.3812, 0.1629, 0.3128



26.3812, 0.2073, 0.1822



26.3812, 0.4862, 0.3099

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.3812, 0.4001, 0.5098



26.3812, 0.2457, 0.4672



26.3812, 0.2073, 0.1822



26.3812, 0.3607, 0.2316

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.3824, 0.4001, 0.5098



49.7717, 0.3470, 0.3941



7.4244, 0.5930, 0.3418



11.3057, 0.3510, 0.4019



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3824, 0.4001, 0.5098



46.1151, 0.4015, 0.5194



22.5813, 0.3314, 0.5613



6.7150, 0.3245, 0.3510



22.3517, 0.4020, 0.5190



0.2805, 0.4111, 0.5118

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2.9630, 0.1662, 0.0791



3.9160, 0.1534, 0.0619



5.1698, 0.2380, 0.1171



5.6596, 0.3004, 0.3062



1.9199, 0.1545, 0.0625



0.0291, 0.1754, 0.0740

Previews

White Background



This preview shows how the Yxy color 26.3812, 0.4001, 0.5098 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 26.3812, 0.4001, 0.5098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3812, 0.4001, 0.5098

Background



This preview shows how black text looks on a background with the Yxy color 26.3812, 0.4001, 0.5098.



This preview shows how white text looks on a background with the Yxy color 26.3812, 0.4001, 0.5098.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.3812, 0.4001, 0.5098

Protanopia

26.3625, 0.4354, 0.4837

Deuteranopia

26.2211, 0.4620, 0.4526



Tritanopia

26.4579, 0.3103, 0.3114

Trichromacy



Original Color

26.3812, 0.4001, 0.5098

Protanomaly

26.4776, 0.4223, 0.4933

Deuteranomaly

25.9375, 0.4406, 0.4725

Tritanomaly

26.0561, 0.3538, 0.3968

Monochromacy



Original Color

26.3812, 0.4001, 0.5098

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.5350, 0.3563, 0.4130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3812, 0.4001, 0.5098 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(135, 148, 20)` looks like.

```
.text, #text, p{  
    color:rgb(135, 148, 20)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(135, 148, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 148, 20) }
```

Border

The CSS property to change the border of an element to Yxy 26.3812, 0.4001, 0.5098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 148, 20) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(135, 148, 20) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(135, 148, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 148, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 148, 20);  
box-shadow:4px 4px 4px 4px rgb(135, 148,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3812, 0.4001, 0.5098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 148, 20) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(135,  
148, 20) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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